

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
 Data File : BN007821.D
 Acq On : 24 Sep 2019 02:52
 Operator : HP/JU
 Sample : K4895-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 24 04:01:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 23 15:18:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	610572	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	2505342	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	1618731	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	3506681	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	3775788	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	4207949	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	15895	0.99	ng/uL	0.01
5) Phenol-d5	6.86	99	354500	6.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	780724	23.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	860809	21.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	634384	14.32	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	519213	28.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	545167	31.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	1083549	26.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	1464737	27.71	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	3960540	30.75	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	4175058	28.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	159429	6.96	ng/ul	0.00
57) Fluorene-d10	15.31	176	3335924	29.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	551892	29.16	ng/ul	0.00
70) Anthracene-d10	17.16	188	5721464	32.78	ng/ul	0.00
78) Pyrene-d10	19.46	212	6870889	33.79	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	7459973	34.07	ng/ul	0.00

Target Compounds

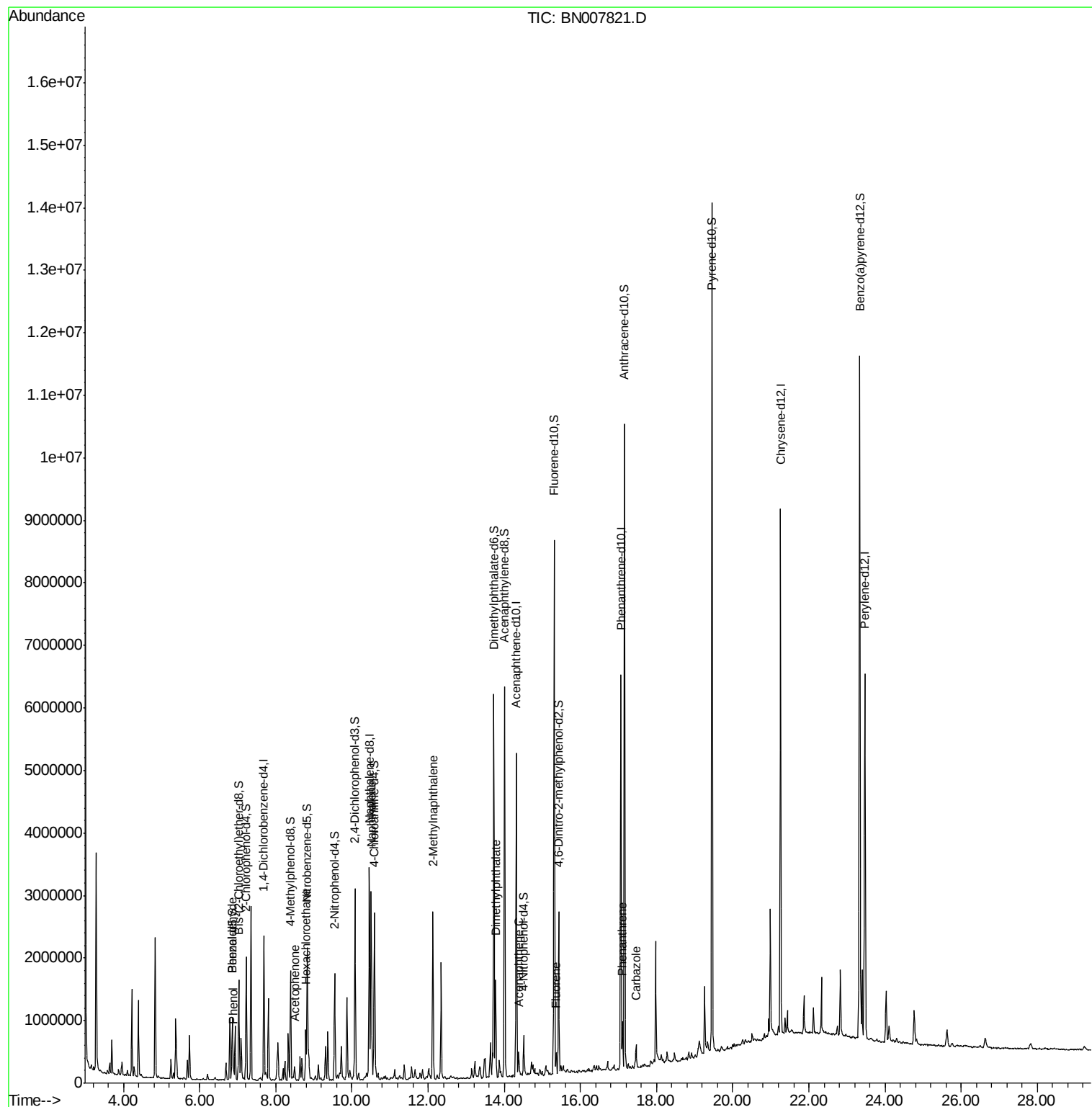
					Ovalue	
4) Benzaldehyde	6.85	77	39779	1.219	ng/ul#	1
6) Phenol	6.89	94	71511	1.132	ng/ul	98
14) Acetophenone	8.49	105	156328	2.180	ng/ul#	40
17) Hexachloroethane	8.79	117	97656	5.261	ng/ul#	7
28) Naphthalene	10.51	128	2230229	15.786	ng/ul	98
34) 2-Methylnaphthalene	12.12	142	1247302	12.227	ng/ul	99
44) Dimethylphthalate	13.77	163	937887	7.143	ng/ul	99
49) Acenaphthene	14.38	153	142549	1.304	ng/ul	95
58) Fluorene	15.37	166	130470	1.023	ng/ul	99
69) Phenanthrene	17.10	178	452668	2.177	ng/ul	99
74) Carbazole	17.46	167	220239	1.251	ng/ul	99

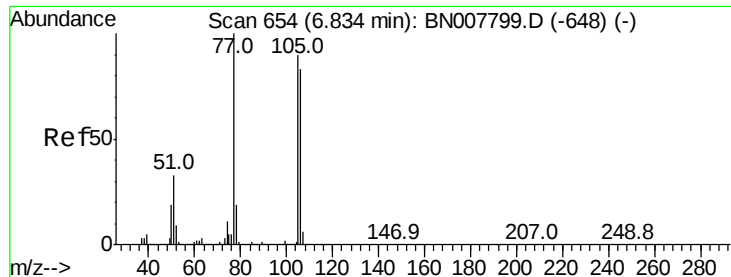
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 23 15:18:07 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.219 ng/ul

RT: 6.85 min Scan# 657

Delta R.T. 0.02 min

Lab File: BN007821.D

Acq: 24 Sep 2019 02:52

Instrument :

BNA_N

ClientSampled :

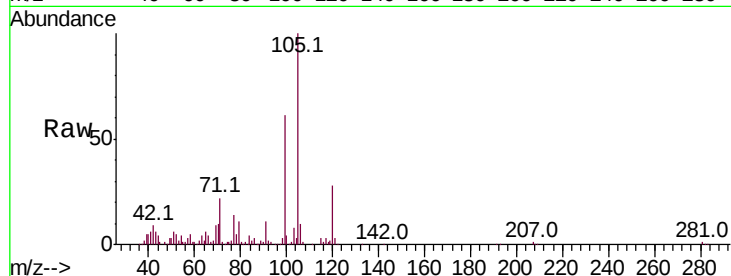
Tot Ion: 77 Resp: 39779

Ion Ratio Lower Upper

77 100

105 710.5 72.2 108.4#

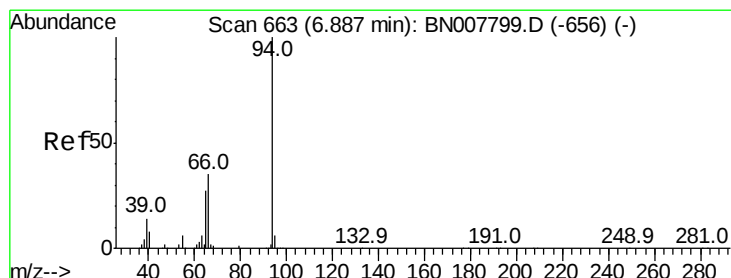
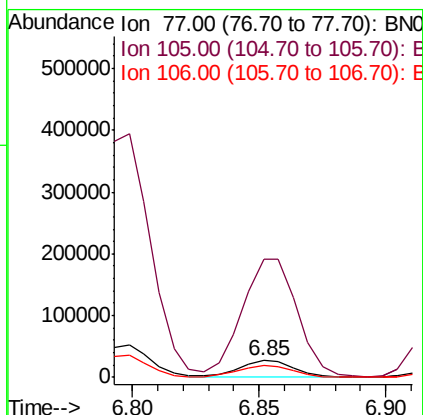
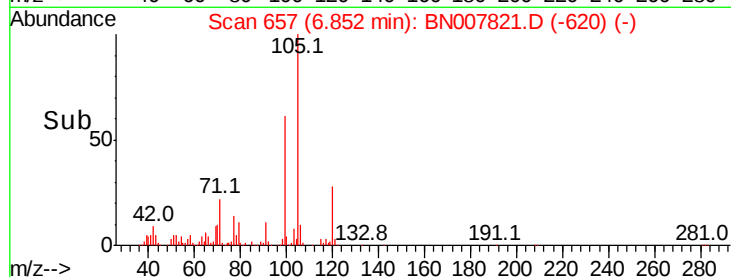
106 72.6 69.6 104.4



Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 105.00 (104.70 to 105.70): BNC

Ion 106.00 (105.70 to 106.70): BNC



#6

Phenol

Concen: 1.132 ng/ul

RT: 6.89 min Scan# 664

Delta R.T. 0.01 min

Lab File: BN007821.D

Acq: 24 Sep 2019 02:52

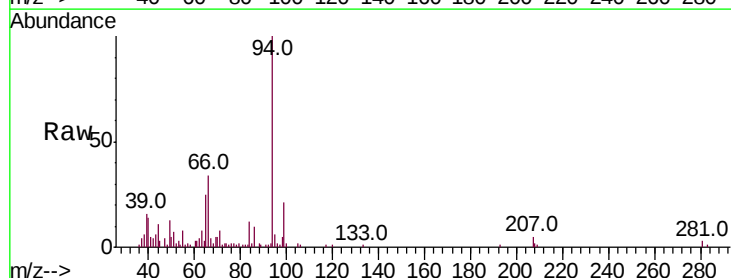
Tgt Ion: 94 Resp: 71511

Ion Ratio Lower Upper

94 100

65 24.7 20.7 31.1

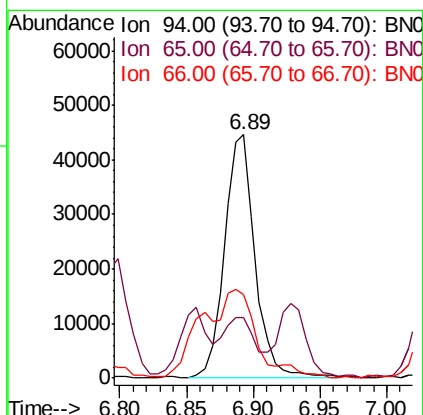
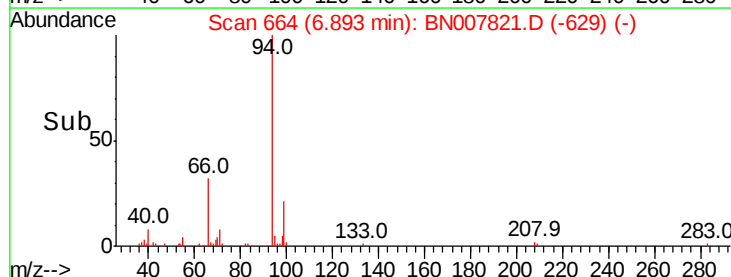
66 34.5 28.6 42.8

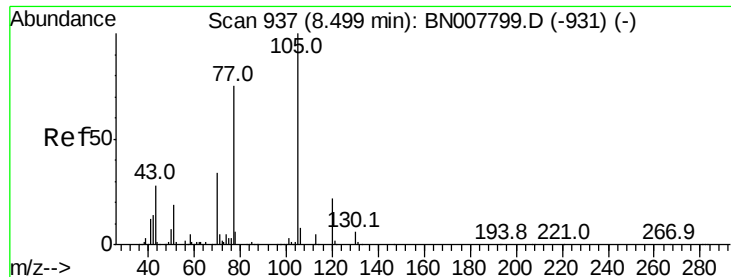


Abundance Ion 94.00 (93.70 to 94.70): BNC

Ion 65.00 (64.70 to 65.70): BNC

Ion 66.00 (65.70 to 66.70): BNC





#14

Acetophenone

Concen: 2.180 ng/ul

RT: 8.49 min Scan# 936

Delta R.T. -0.01 min

Lab File: BN007821.D

Acq: 24 Sep 2019 02:52

Instrument :

BNA_N

ClientSampleId :

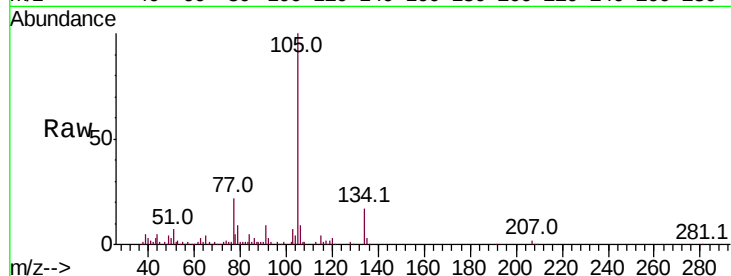
Tot Ion:105 Resp: 156328

Ion Ratio Lower Upper

105 100

77 22.5 66.5 99.7#

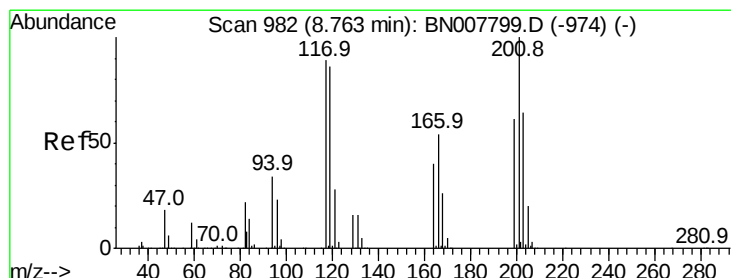
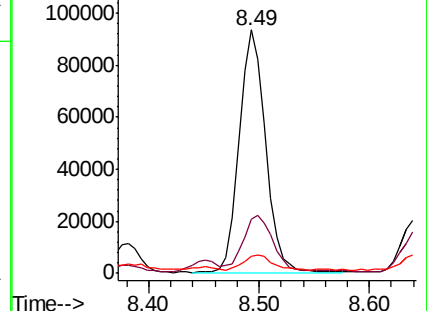
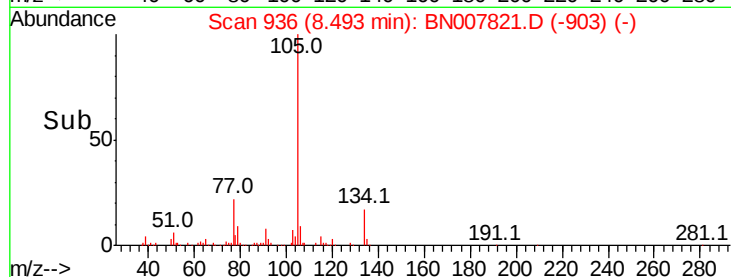
51 7.0 16.3 24.5#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BN0

Ion 51.00 (50.70 to 51.70): BN0



#17

Hexachloroethane

Concen: 5.261 ng/ul

RT: 8.79 min Scan# 987

Delta R.T. 0.03 min

Lab File: BN007821.D

Acq: 24 Sep 2019 02:52

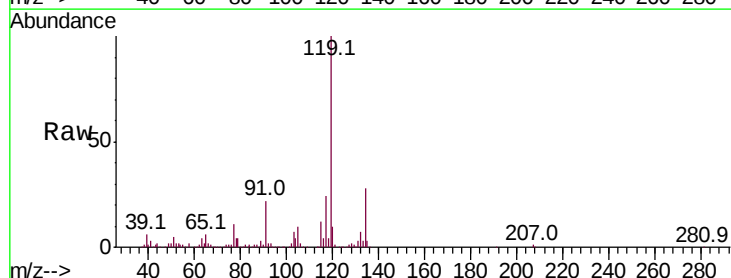
Tgt Ion:117 Resp: 97656

Ion Ratio Lower Upper

117 100

201 0.0 81.4 122.0#

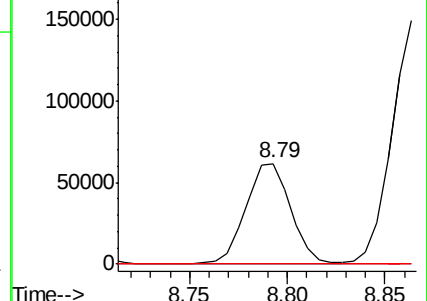
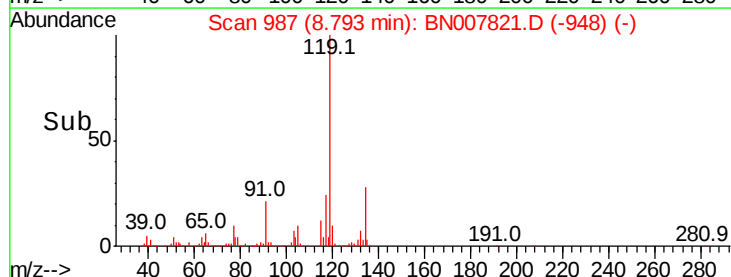
199 0.0 50.8 76.2#

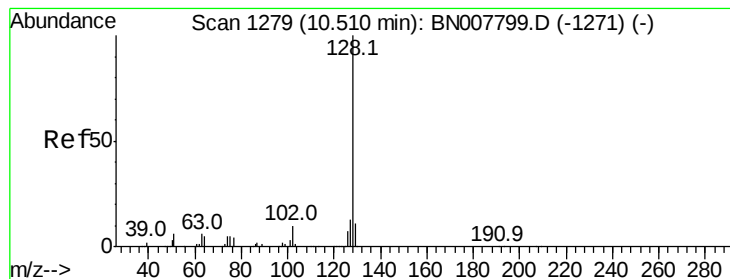


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#28

Naphthalene

Concen: 15.786 ng/ul

RT: 10.51 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BN007821.D

Acq: 24 Sep 2019 02:52

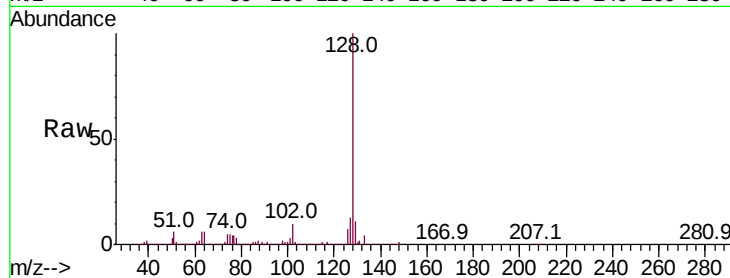
Instrument :

BNA_N

ClientSampleId :

Tot Ion:128 Resp: 2230229

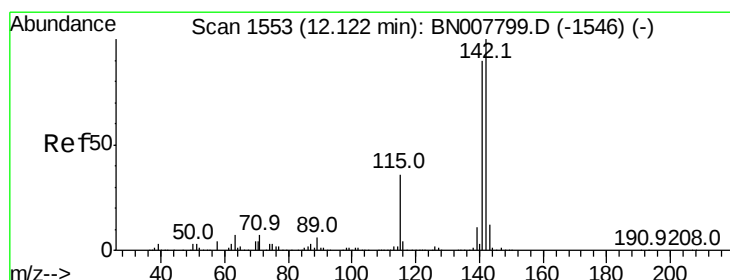
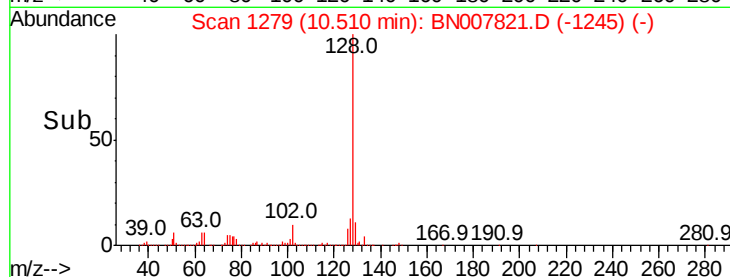
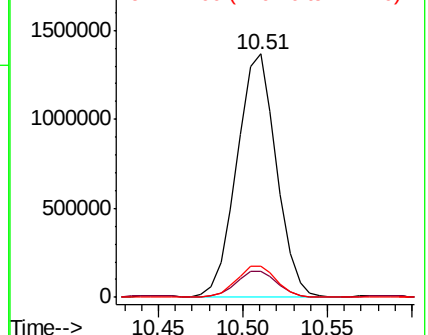
Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.4
127	13.0	11.0	16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 12.227 ng/ul

RT: 12.12 min Scan# 1553

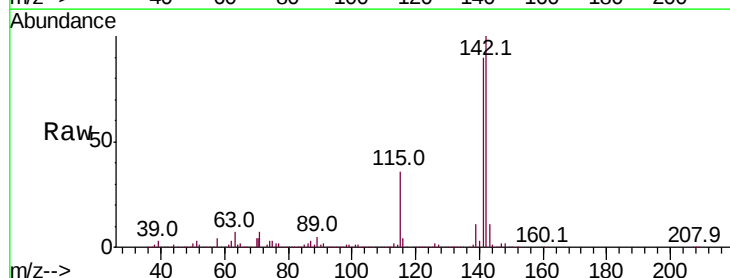
Delta R.T. 0.00 min

Lab File: BN007821.D

Acq: 24 Sep 2019 02:52

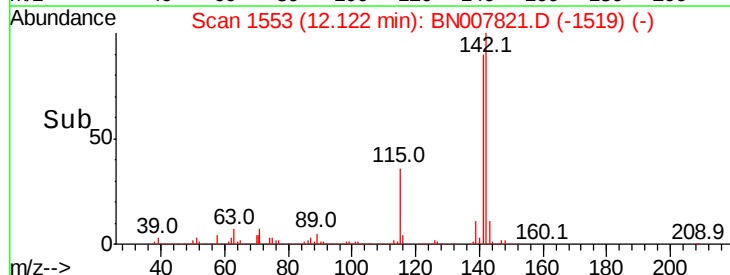
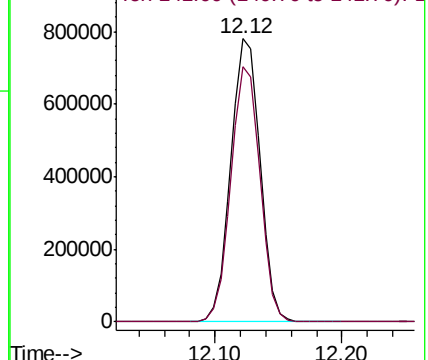
Tgt Ion:142 Resp: 1247302

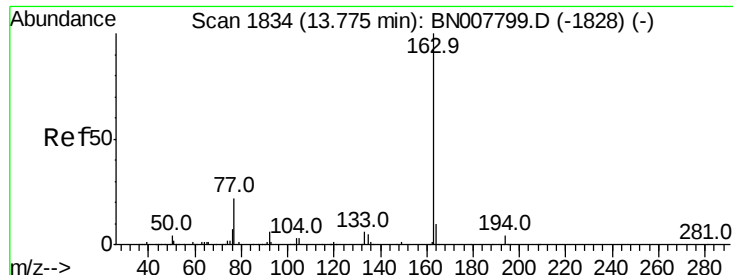
Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.2	106.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

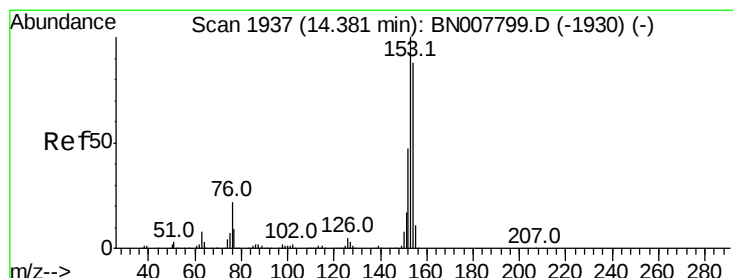
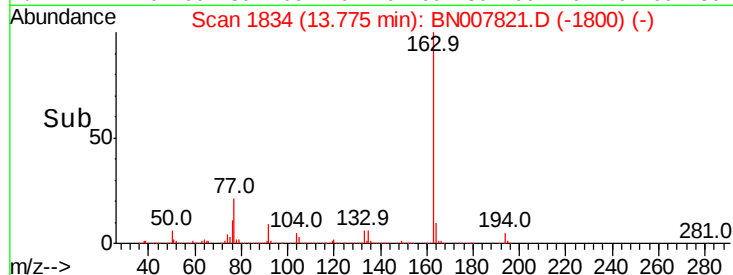
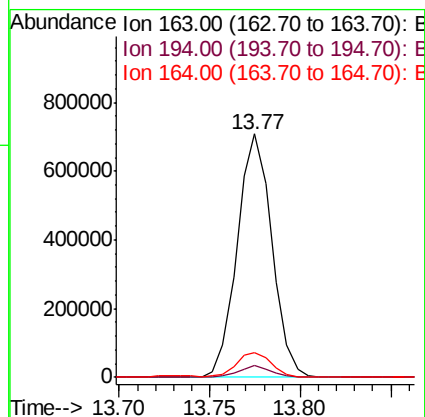
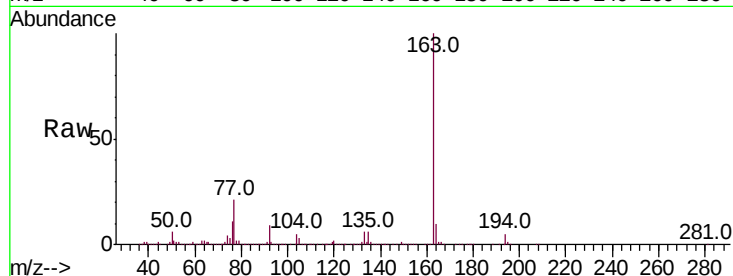




#44
Dimethylphthalate
Concen: 7.143 ng/ul
RT: 13.77 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BN007821.D
Acq: 24 Sep 2019 02:52

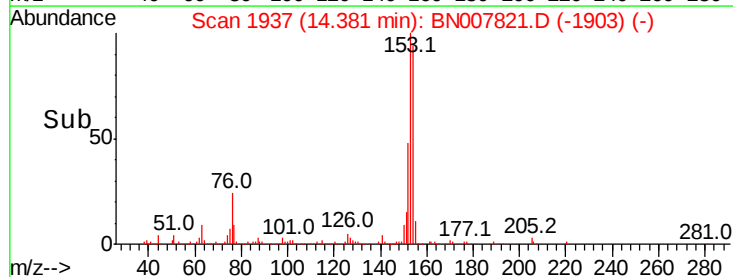
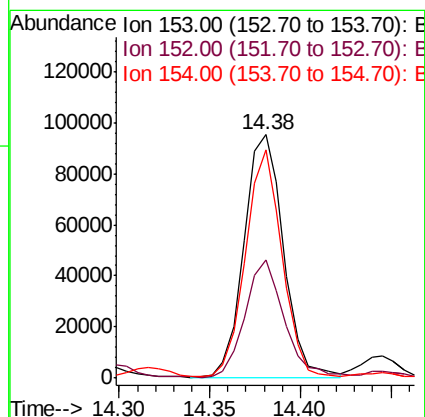
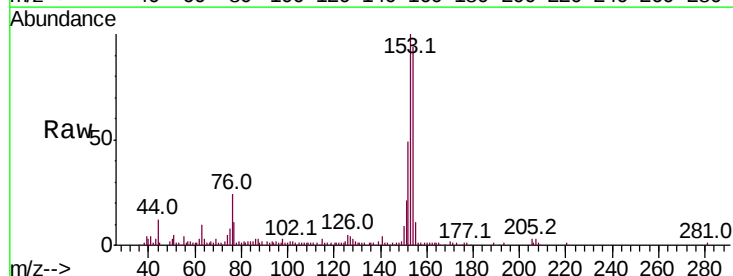
Instrument :
BNA_N
ClientSampleId :

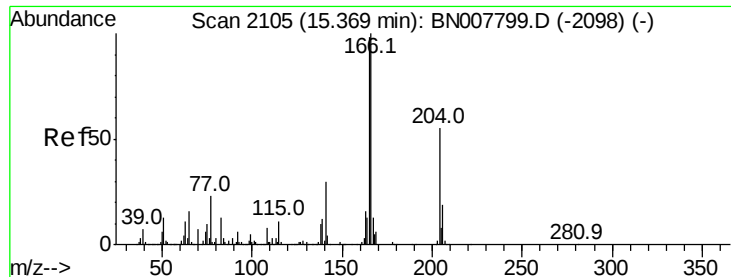
Tot Ion:163 Resp: 937887
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.2
164 10.4 8.4 12.6



#49
Acenaphthene
Concen: 1.304 ng/ul
RT: 14.38 min Scan# 1937
Delta R.T. 0.00 min
Lab File: BN007821.D
Acq: 24 Sep 2019 02:52

Tgt Ion:153 Resp: 142549
Ion Ratio Lower Upper
153 100
152 48.5 37.8 56.8
154 93.7 70.3 105.5





#58

Fluorene

Concen: 1.023 ng/ul

RT: 15.37 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BN007821.D

Acq: 24 Sep 2019 02:52

Instrument :

BNA_N

ClientSampleId :

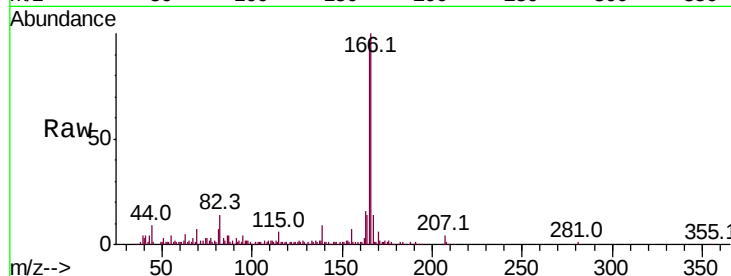
Tot Ion:166 Resp: 130470

Ion Ratio Lower Upper

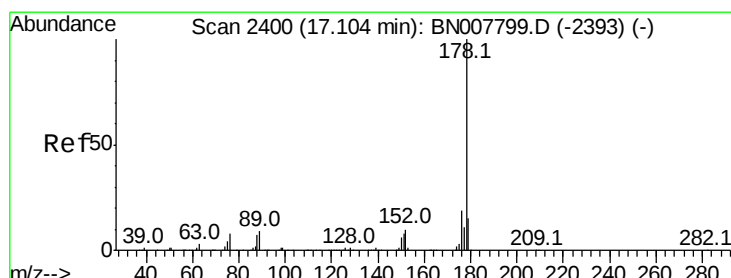
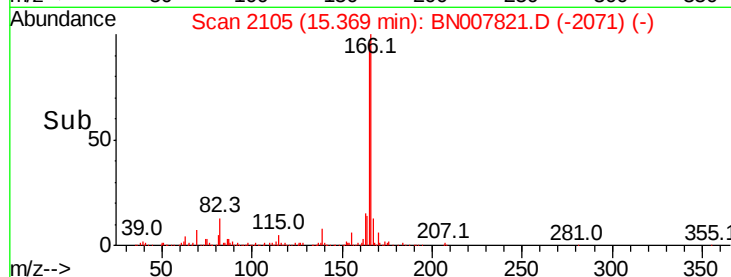
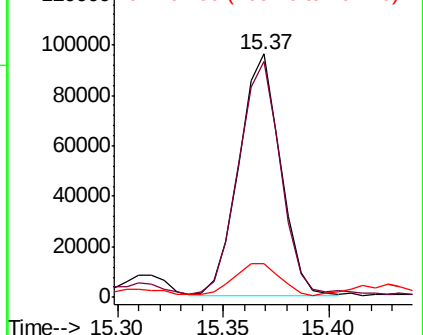
166 100

165 96.8 78.6 118.0

167 14.0 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 2.177 ng/ul

RT: 17.10 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BN007821.D

Acq: 24 Sep 2019 02:52

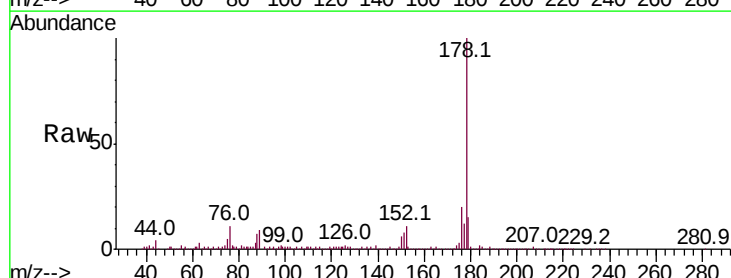
Tgt Ion:178 Resp: 452668

Ion Ratio Lower Upper

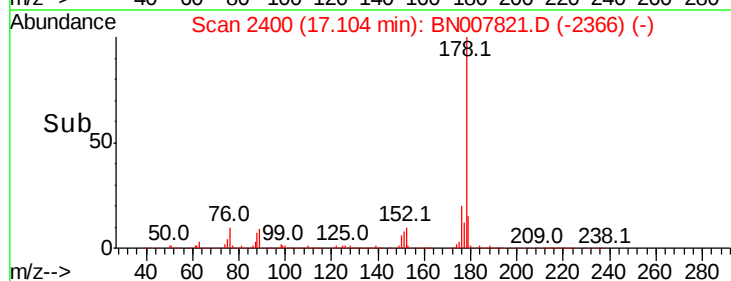
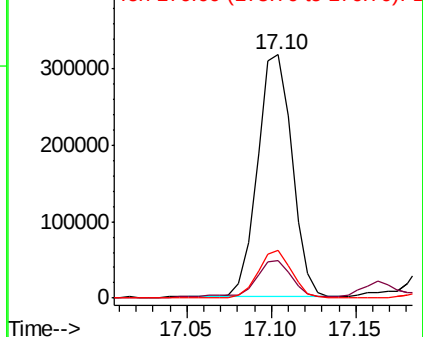
178 100

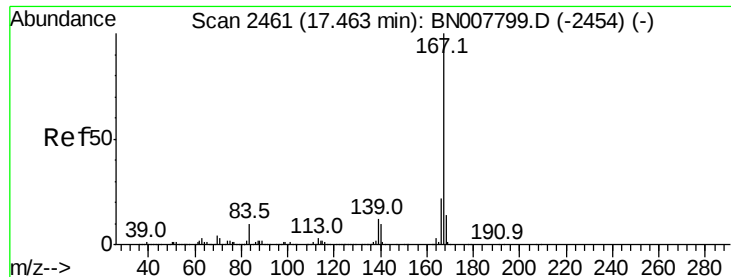
179 15.2 11.9 17.9

176 19.8 15.2 22.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#74

Carbazole

Concen: 1.251 ng/ul

RT: 17.46 min Scan# 2461

Delta R.T. 0.00 min

Lab File: BN007821.D

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Instrument :

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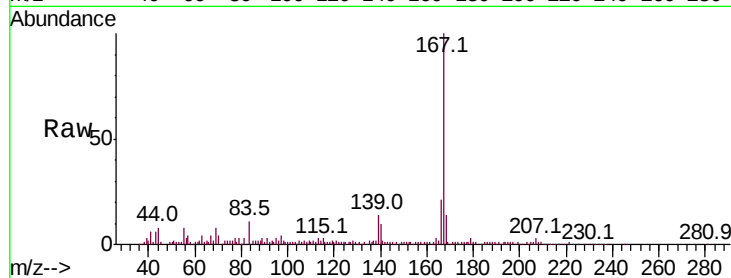
Tot Ion:167 Resp: 220239

Ion Ratio Lower Upper

167 100

166 21.1 17.0 25.4

139 13.5 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

